

Remarks

Applicant respectfully requests reconsideration of this application. No amendments have been made to the claims. None of the claims have been allowed.

Information Disclosure Statement

Applicant wishes to disclose the status of other applications that may be considered related to the present application, as follows: serial no.: 10/315,624 (Office Action rejecting all pending claims mailed 08/20/08); serial no.: 10/315,788 (Final Office Action rejecting all pending claims mailed 08/20/08); serial no.: 10/889,326 (Office Action rejecting all pending claims mailed 08/21/08); serial no.: 10/315,694 (Office Action rejecting all pending claims mailed 06/30/08); serial no.: 10/619,919 (Office Action rejecting all pending claims mailed 05/01/08); serial no.: 10/367,178 (Office Action rejecting all pending claims mailed 04/25/08); serial no.: 10/618,931 (Office Action rejecting all pending claims mailed 08/07/08); serial no.: 10/367,197 (Office Action rejecting all pending claims mailed 05/01/08); serial no.: 10/395,749 (Final Office Action rejecting all pending claims mailed 07/16/08); and serial no.: 10/407,445. (Office Action rejecting all pending claims mailed 06/26/08). Applicant also wishes to disclose that in related application no. 11/800,543 an Office Action mailed 07/29/08 allowed claims 39-41 and rejected claims 10, 11, 14-17, 19-21 and 30-38.

Traversal of Claim Rejections Under 35 U.S.C. § 102(e)

Claims 45-69 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Lau et al. (US 6,690,657; hereinafter "Lau"). Applicant respectfully traverses this ground of rejection.

Lau teaches the user of low-power transceivers in channel-shifting RF repeaters to create a wireless network that can extend beyond each transceiver's

useful range. A base station controls the allocation of time on one or more available channels between competing transmitters, and may also control the function of the channel-shifting repeaters. When a given transmitter is transmitting, repeaters in range of that transmitter receive the signal, channel-shift the signal, and retransmit it. (Column 4, lines 6-19)

Lau, however, fails to teach or disclose a wireless repeater which comprises a first transceiver operable to receive data transmitted on a first channel of a first frequency channel during odd time intervals and a second transceiver operable to transmit the data at a data rate of 11Mbps or greater on the first frequency channel during even time intervals, the second transceiver not transmitting during the odd time intervals, as recited, for example, in amended independent claim 1.

Furthermore, Lau fails to teach a plurality of repeaters arranged in a tree topology with each of the repeaters having upstream and downstream transceivers operating in the manner described above, as set forth in amended claim 60.

The multiple transmitters and receivers referred to by Lau are source and destination devices. This is explicitly disclosed in column 5, lines 11-15, which states, "Each T/R module is connected to at least one digital data device 60, 66, 72, 76, 82 (each device being a source and/or a sink of digital data)." Note that Lau teaches each repeater having two antennas, indicating that each of his repeaters has two independent RF transceiver subsystems, each for handling communications on a different frequency.

In addition, Lau discloses that his repeaters are receiving and transmitting *simultaneously*, which is contrary to the language of Applicant's amended claims.

Lau's teaching of simultaneously transmitting and receiving data by his wireless repeaters is pervasive throughout his disclosure. For example, in column 6, line 25-31, he explicitly acknowledges that it may be necessary to "re-use" channels and that doing so creates a risk of feedback. The risk of feedback is precisely due to

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the fact that Lau's repeaters are receiving and transmitting at exactly the same time. This is the same effect one hears when a public address system microphone is placed in front of its speaker: since the audio signal (or RF signal in Lau's case) is being transmitted at the same time it is received, the repeated transmission may be picked up again by the receiver and retransmitted once more, getting louder and louder, in an uncontrolled feedback loop.

In view of the fact that each and every limitation of claims 45-69 is not taught and disclosed by Lau, Applicant respectfully contends that the subject claims are not anticipated by Lau.

Applicant respectfully requests that the rejections under 35 U.S.C. § 103(a) be withdrawn. Applicant respectfully submits that all remaining claims are now in condition for allowance.

Please charge any shortages of fees or credit any overcharges of fees to our
Deposit Account No. 50-2060.

Respectfully submitted,
THE LAW OFFICES OF BRADLEY J. BEREZNAK

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